

METHOD FOR JOINING ROD AND COLLAR
AND JOINING DIE SET THEREFOR

ABSTRACT OF THE DISCLOSURE

After a rod 4 with a pre-formed annular groove 21 is
5 fixed on a reception die 26, a collar blank 23 is fitted on
the rod 4. Then the die 25 is advanced toward the
reception die 26 along the rod 4, urging the collar blank
23 into its forming bore 27, causing the inner diameter
portion of the blank 23 to enter into the annular groove 21
10 by a plastic flow. Subsequently by a further advancement
of the die 25, an annular projection 29 formed at the
bottom surface of the forming bore 27 is driven into the
end surface of the collar blank 23 to cause the blank to 23
plastically flow further into the annular groove 21.